**Q002 Sort 3 Numbers**

讀入3個整數，請由小到大輸出。

**Input**

輸入可能包含了好幾列測試資料，每一列有3個整數a,b,c。  
a=0 b=0 c=0代表輸入結束。

**Output**

對每一列輸入，你應該要由小到大輸出。請參考Sample Output

**Sample Input**

2 4 1

2 -9 -100

0 0 0

**Sample Output**

1 2 4

-100 -9 2

程式碼

Imports System.IO

Public Class Form1

Dim fr As New FileInfo("input.txt")

Dim fw As New FileInfo("output.txt")

Dim sw As StreamWriter = fw.CreateText

Dim ia(2), b As String

Dim a, x As Integer

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

If fr.Exists = False Then

End

ElseIf fw.Exists = False Then

fw.Create()

End If

Dim sr As StreamReader = fr.OpenText

Do

ia(a) = Trim(sr.ReadLine)

If ia(a) = "0 0 0" Then Exit Do

a += 1

ReDim Preserve ia(a)

Loop

Dim ib(a - 1, 2) As Integer

For i = 0 To a - 1

x = 0

For j = 1 To Len(ia(i))

If Microsoft.VisualBasic.Mid(ia(i), j, 1) = " " Then

ib(i, x) = Val(b)

b = ""

x += 1

Else

b &= Microsoft.VisualBasic.Mid(ia(i), j, 1)

End If

Next

ib(i, x) = Val(b)

b = ""

For j = 0 To 2

For k = 0 To 2

If ib(i, j) < ib(i, k) Then

x = ib(i, j)

ib(i, j) = ib(i, k)

ib(i, k) = x

End If

Next

Next

Next

For i = 0 To a - 1

sw.WriteLine(ib(i, 0) & " " & ib(i, 1) & " " & ib(i, 2))

Next

sw.Flush() : sw.Close() : End

End Sub

End Class